



ATTACHMENT A

Claims 1 - 16: (Cancelled)

17. (Previously Presented) A polyolefin composition comprising:

(A) from 60 to 85% by weight of a broad molecular weight distribution propylene polymer having a polydispersity index from 5 to 15 and a melt flow rate of from 20 to 78 g/10 min according to ASTM-D 1238, condition L; and

(B) from 15 to 40% by weight of a partially xylene-soluble olefin polymer rubber comprising more than 70% by weight of ethylene,

wherein the polyolefin composition comprises a melt flow rate of from 5 to 20 g/10 min.

18. (Previously Presented) The polyolefin composition of claim 17, further comprising from 0.5 to 3 parts by weight of mineral fillers, with respect to the sum of components (A) and (B).

19. (Previously Presented) The polyolefin composition of claim 17, wherein the partially xylene-soluble olefin polymer is a poly(ethylene-co-propylene).

20. (Previously Presented) Articles produced comprising the polyolefin composition of claim 17.

21. (Previously Presented) The polyolefin composition of claim 17, wherein the partially xylene-soluble olefin

polymer rubber comprises about 25 to 40% by weight of a xylene-insoluble portion.

22. (Previously Presented) The polyolefin composition of claim 17, wherein the partially xylene-soluble olefin polymer rubber comprises about 30 to 38% by weight of a xylene-insoluble portion.

23. (New) The polyolefin composition of claim 17, wherein the partially xylene-soluble olefin polymer rubber comprises from more than 70% to 80% by weight of ethylene.

24. (New) The polyolefin composition of claim 17 further comprising a fraction soluble in xylene at room temperature, wherein the fraction soluble in xylene at room temperature comprises an intrinsic viscosity ranging from 2 to 2.7 dl/g.

25. (New) The polyolefin composition of claim 17 further comprising a flexural modulus ranging from 1100 to 1700 MPa.

26. (New) The polyolefin composition of claim 17 further comprising a thermal shrinkage in a longitudinal direction ranging from 0.5 to 1.

27. (New) The polyolefin composition of claim 17 further comprising a thermal shrinkage in a traversal direction ranging from 0.7 to 1.2.

28. (New) The polyolefin composition of claim 17 further

comprising a notched IZOD resilience at -30°C ranging from 4 to 10 kJ/m².

29. (New) The polyolefin composition of claim 17, wherein the broad molecular weight distribution propylene polymer is a crystalline propylene homopolymer or a propylene copolymer, the propylene copolymer comprising ethylene, a C₄-C₁₀ α-olefin, or mixtures thereof.

30. (New) The polyolefin composition of claim 29, wherein the propylene copolymer comprises ethylene.

31. (New) The polyolefin composition of claim 29, wherein the propylene copolymer comprises a comonomer content ranging from 0.5% to 1.5% by weight.

32. (New) The polyolefin composition of claim 29, wherein the propylene copolymer comprises a comonomer content ranging from 0.5% to 1.0% by weight.

33. (New) The polyolefin composition of claim 17, wherein the broad molecular weight distribution propylene polymer further comprises a xylene-insoluble content at 25°C greater than 90% by weight.

34. (New) The polyolefin composition of claim 17, wherein the broad molecular weight distribution propylene polymer further comprises a xylene-insoluble content at 25°C equal to or greater than 94% by weight.

35. (New) The polyolefin composition of claim 17, wherein

the broad molecular weight distribution propylene polymer further comprises a molecular weight distribution (Mw/Mn) ranging from 8 to 30.

36. (New) The polyolefin composition of claim 17, wherein the broad molecular weight distribution propylene polymer further comprises from 30% to 70% by weight of a fraction (A^I), the fraction (A^I) comprising a melt flow rate ranging from 1 to 10 g/10 min.

37. (New) The polyolefin composition of claim 17, wherein the partially xylene-soluble olefin polymer rubber is selected from a poly(ethylene-co-C₃-C₁₀ α-olefin) or a poly(ethylene-co-propylene-co-C₄-C₁₀ α-olefin).

38. (New) The polyolefin composition of claim 37, wherein the poly(ethylene-co-propylene-co-C₄-C₁₀ α-olefin) comprises from about 0.5% to about 10% by weight of the C₄-C₁₀ α-olefin.

39. (New) The polyolefin composition of claim 17, wherein the partially xylene-soluble olefin polymer rubber further comprises from 1% to 10% by weight of a diene.

40. (New) The polyolefin composition of claim 39, wherein the partially xylene-soluble olefin polymer rubber further comprises from 1% to 5% by weight of a diene.